

Pat. & Sec. 1000

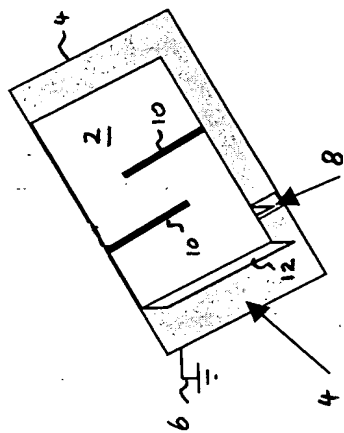


FIG 1

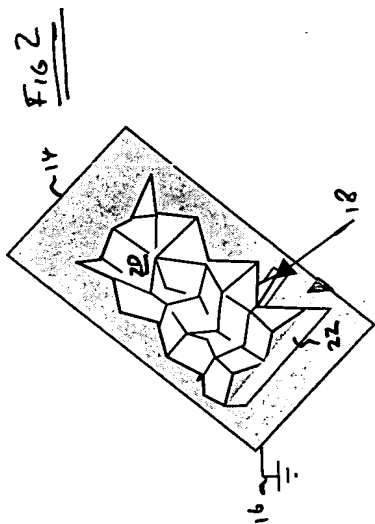


FIG 2

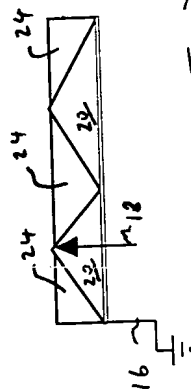


FIG 3

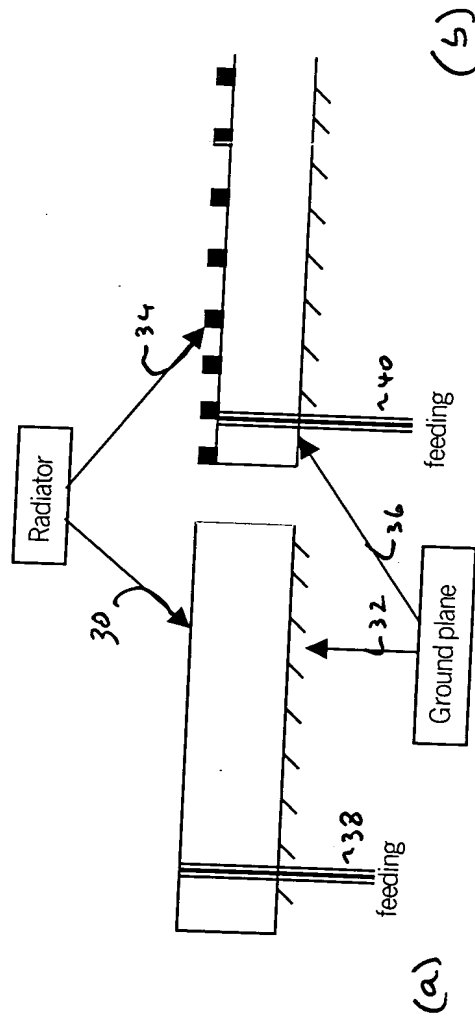
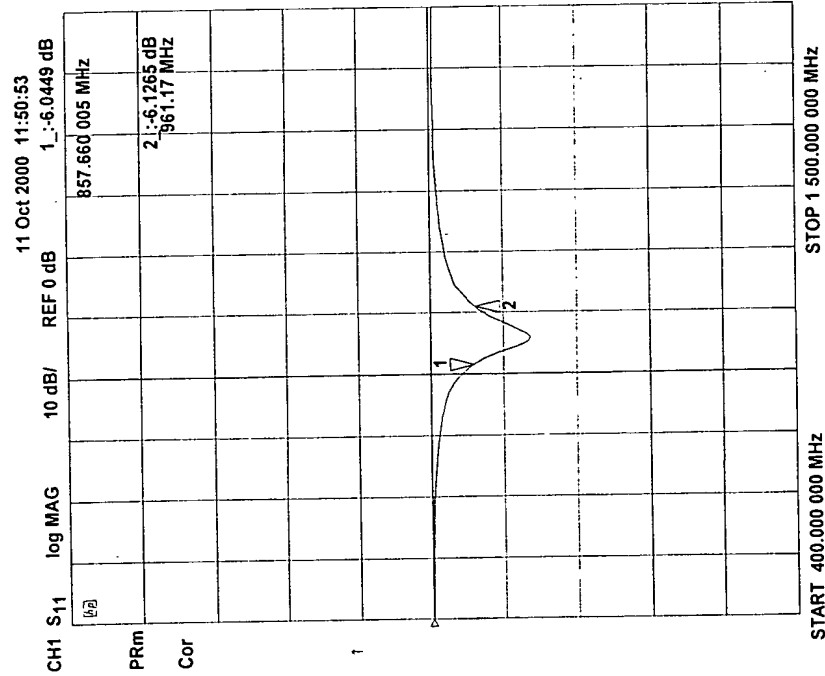


FIG 4

20060606

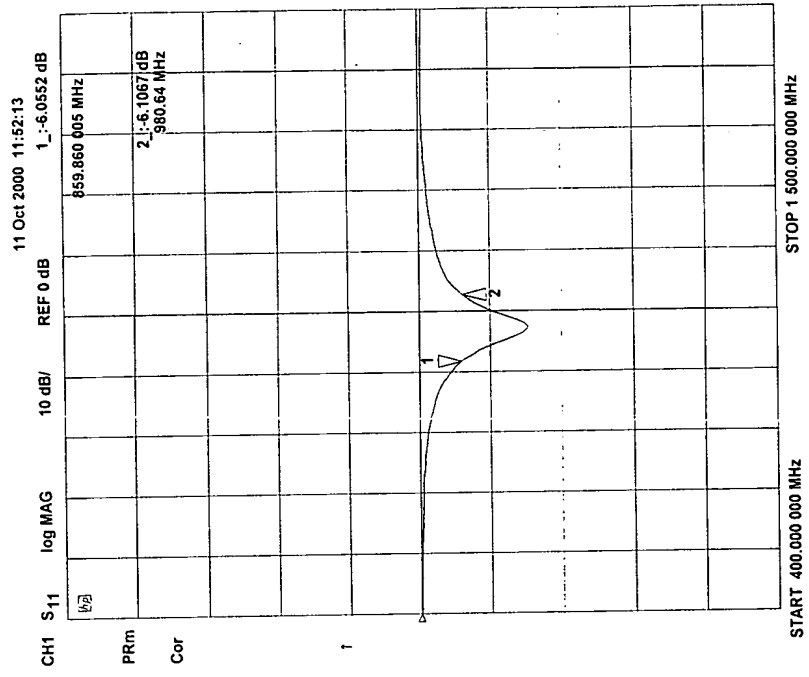
Flat PIFA



(a)

-6dB bandwidth = 103.51 MHz

Shaped PIFA



(b)

-6dB bandwidth = 120.74 MHz

Fig 5